

have any questions.

The Crawler/Reverse Gear Synchronizer Roll Pin is currently unavailable but if it is removed carefully and not damaged, it can be reused.

Procedure:

1. Remove the transmission from the vehicle, Refer to Workshop Manual (WSM), Section 308-03.

2. Disassemble the sub-assemblies to gain access to the 5th and 6th gear synchronizer rings. Refer to WSM, Section 308-03.

3. Replace the 5th and 6th gear synchronizer rings.

4. Assemble the transmission per WSM, Section 308-03.

(1) The reverse/crawl gear synchronizer assembly must be assembled on the transmission. Refer to Figures 1-2 for an exploded view of the reverse/crawl gear synchronizer assembly.

The procedure is in WSM as you have to tear the trans all the way down to get to the 5 & 6 syncro

The reverse/ crawl syncro has to be assembled in place on the transmission.

Service Part Number	Quantity	Description	UOI	Piece Quantity
	* how many of the service part number are needed to repair the vehicle * Calculated by Piece Quantity divided by UOI then rounded up	* WSM name, not MMP or catalog name. If the part name is not in the WSM, use a name that is consistent with TSB part naming format. * every word should be capitalized, include any limiting criteria in parenthesis such as vehicle line, trim level, or build date	unit of issue, how many individual pieces are included in the part number package	total amount of individual pieces needed to repair the vehicle
W520103-S442	2	Exhaust Flange Nuts	4	2
MB3Z-9450-B	1	Exhaust Flange Gasket	1	1
W713314-S439	2	Hanger Bracker Bolts	4	2
W500121-S439	9	Transfer Case to Transmission Bolts	4	9
LB3Z-4B496-A	8	Bolts and Retaining Straps Drive Shaft	1	8
W710624-S300	1	Crawler/Reverse Gear Synchronizer Roll Pin	4	1
MU7Z-7W441-A	1	Gate Pin	1	1
XT-11-QDC	3	Motorcraft® Dual Clutch Transmission Fluid	1	3
MU7Z-7107-C	2	5th and 6th Gear Synchronizer Rings	1	2
BR3Z-7064-A	1	Input Shaft Circlip	1	1
TA-357	1	Motorcraft® High Performance Engine RTV Silicone	1	1
MU7Z-3K050-B	1	Crawler/Reverse Gear Synchronizer Circlip.	1	1
MU7Z-7048-A	1	Input Shaft Seal	1	1
MU7Z-7P497-A	1	Counter Shaft Bore Plug	1	1
BR3Z-7052-A	1	Output Shaft Seal	1	1
MU7Z-3K050-A	2	1st/Reverse Gear Circlip	1	2
MU7Z-7K179-A	1	Gear shift Lever bolt	1	1